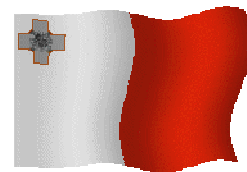


MARL



MALTA



Magazine by MARL

For Maltese and Gozitan
Radio Amateurs

Number 47

February 2010



Tpejjipx
No Smoking

Smoking is prohibited at the Centre

From the Editor

Friends,

I welcome you to another issue of this magazine for February 2010, which is issue 47 of this series.

I would like to remind the members that in February we are going to have the Annual General Meeting on **Sunday 28 February at 10.00 a.m.** I remind you to pay your membership before the meeting. It is expected that the members come for this meeting to know what the Committee has done during the year, both for **MARL** as well as for the members themselves.

In this magazine you have so photos of the **MARL** get together that was held at our Club on **Sunday 17 January 2010**. As you can see attendance was numerous and it will be good if it will be as numerous during the rest of the year.

There were some who paid membership, but there are still those who have not yet paid and therefore should do so the first time they come to the Club. I remind you that whoever has not paid his/her membership cannot vote if a vote has to be taken on some motion.

I remind you again that no smoking can be carried out at the Club because there are still some who do not care and there has to be some other member to bring it to their attention.

There is not the slightest doubt that everyone has heard about the disastrous earthquake in Haiti and how all the telecommunications infrastructure stopped working and it had to be radio amateurs who provided the means of communication notwithstanding the difficulties that they met with.

Here it's good to remind you that that **MARL** has a number of radio amateurs who are working hand in hand with the Civil Protection Department as well as taking part during activities held for the purpose around the world to train to pass on messages between one country and another.

However, every radio amateur should do his utmost to have the required equipment so that if God forbid a disaster happens in Malta they will be able to provide communications both between the authorities in Malta itself as well as with other countries.

DO not forget that in a natural disaster most probably it is not only the means of communications that stop operating but also the electricity supply and therefore you should think about having a generator and/or batteries so that you could operate your equipment.

As always, I hope that you find the information in the magazine useful to you and if you have some article please leave it in my **QSL** box or you can send it to me on my e-mail **9h1av at searchmalta dot com**.

Lawrence
9H1AV/9H9MHR

2010 get together



9H1PI

9H5PC

9H1AJ



9H1JT





9H1PS, 9H1JM, 9H1XE, 9H1PI, 9H1RA, 9H1BM, 9H1XS, 9H1M, 9H1LO



9H1XE, 9H1PI, 9H1AJ, 9H1AT, 9H1BM, 9H1M, 9H1LO



9H4CT, 9H15PC, 9H1BW, 9H1AA, 9H5KS, 9H5IR, 9H1VC, 9H5DX, 9H1DM



9H1PI 9H1XE 9H1AJ 9H1JM 9H1RA 9H1EI 9H1BM 9H1PS 9H1VW 9H1AT



9H1DH, 9H15DX 9H1DM

9H1ES

9H1PI 9H1VW



SWL

9H1XS

9H1AJ

9H1AA



9H5DH

9H1XE



9H1XS

9H1AJ

9H1AA

9HBM

Son of 9H5IR

9H5IR



9H1AA

9H1VW

9H5IC

9H1AQ

9H1LO





9H1AT 9H1EI

9H1SV 9H1BM 9H1ES



9H1FF 9H1LO 9H1M



9H1VW 9H1LO 9H5IC 9H1AA 9H1FF

70Mhz

Today I thought that I will give you a link to those known as **dxclusters**, that is where radio amateurs report on a purposely made webpage stations that are working on different frequencies.

One can find this page on <http://www.dxfuncluster.com/> which is a **Spanish** page where one can find reports that are updated every few minutes.

On this page one can find reports on the frequencies of **70cm, 2M, 4M, 6M, 10M, 12M, 15M, 17M, 20M, 30M, 40M, 80M, 160M, HF, HF + 6M**

I remind you that in the **UK** they have been given this frequency for more than 50 years. Here in Malta there was a beacon which was in Hal-Luqa at the British Air Force, and it was heard from Germany as reported if I remember correctly, either in the **Short Wave Magazine** or in the **RSGB Bulletin**, now known as **Radcom**.

Lawrence
9H1AV/9H9MHR

Interesting webpages

These are interesting webpages that are connected with our hobby.

<http://73s.org/>
<http://hamfeed.com/>
<http://www.hamtwits.com/>
<http://rudius.net/dxp/index.php>
<http://www.amsat.org/amsat-new/news/>

Lawrence
9H1AV/9H9MHR

Calculators

Hereunder you have an internet link where you can find a number of electronic calculators that if you save them on your computer they will work just the same.

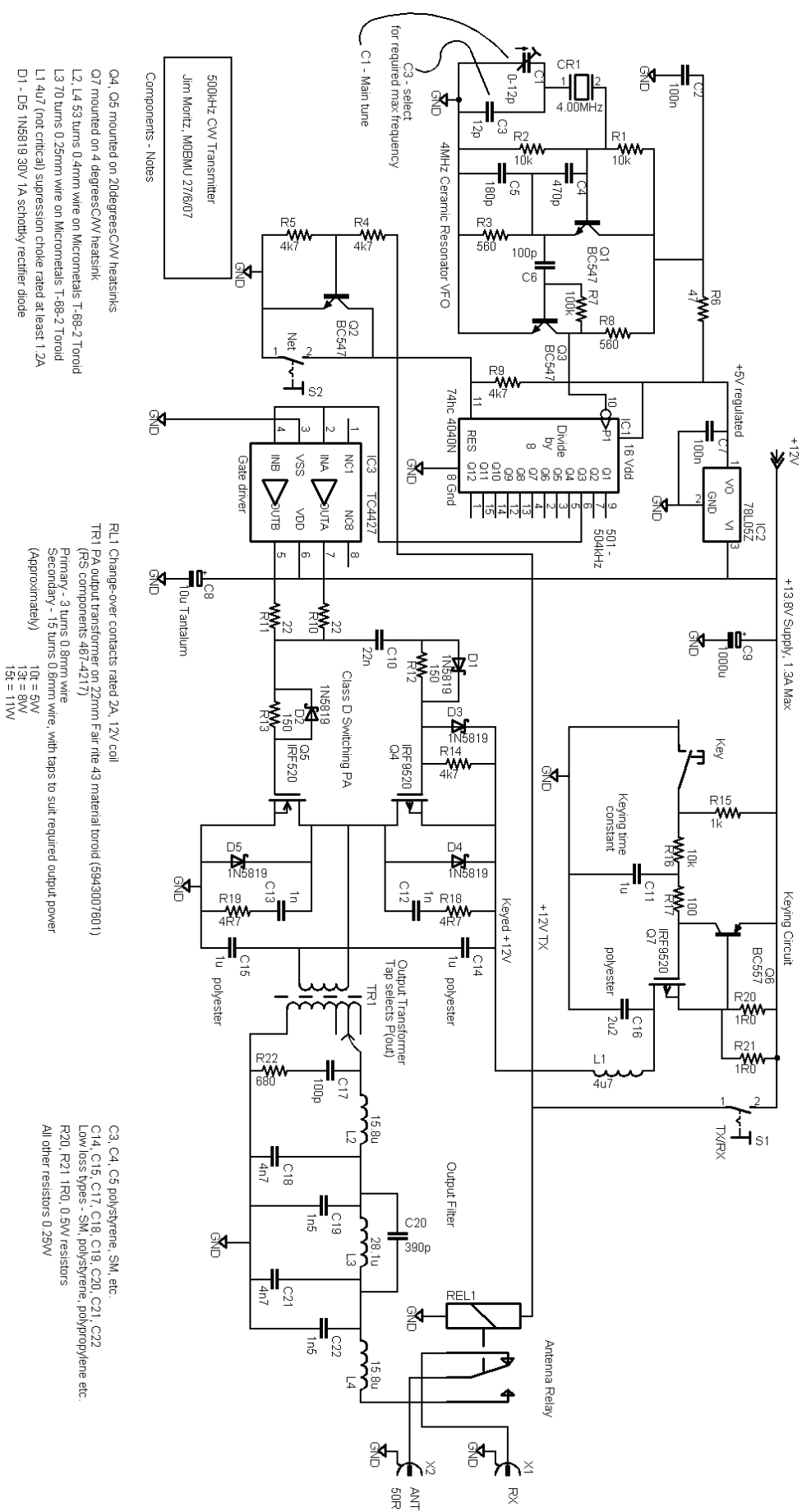
<http://www.calculatoredge.com/>

There are calculators for General, Civil Engineering, Optical Engineering, Mechanical Engineering, Mechanical Engineering, Plastic Engineering, Metallurgy, Electrical Engineering, Electronic Engineering, Chemical Engineering, Physics, Ceramics, Oil and Gas, Structural Engineering, Finance.

Lawrence
9H1AV/9H9MHR

500 kHz

Today you have another transmitter circuit for all those who want to prepare one so that if at some time we are given permission they will be ready to operate at once on this frequency. I will give you further circuits in future.



SDR station

If you want you can try to listen to an SDR station found at the University of Twente, Enschede, in the Netherlands at the Faculty of Electrical Engineering, Mathematics and Computer Science.

This station that one can find on <http://websdr.ewi.utwente.nl:8901/> can be tuned to a frequency that you want and you can see what stations are being heard in The Netherlands, or rather in this particular place.

Whoever enters can listen on frequencies between **63 kHz – 165 kHz, 1.791 kHz – 1.892 kHz, 3.493 – 3.797 MHz, 6.999 – 7.201 MHz, 10.049 MHz – 10.150 MHz, 13.991 MHz – 14.295 MHz** and **4.942 MHz – 5.043 MHz**, while the antenna is a **W3DZZ** on a 40-metre high building.

You can tune wherever you want on any frequency, choose **CW, USB, LSB, wide** or **narrow** filters, and you can also vary everything from the filter symbol under each frequency. You can also listen to am stations by zero beating exactly on the station frequency.

If one is transmitting one can tune the receiver on his frequency and would know whether he is being heard in The Netherlands and how his signal is being received if it is being heard.

One can also put in his call sign so that when he enters the site he will be recognized by the computer and can also send reports.

Comments can be sent to **PA3FWM** on [pa3wfm at amsat dot org](mailto:pa3wfm@amsat.org) or at the bottom where there is a box for this purpose.

There is also a link that takes you to another page where there are links to other SDR receivers that you can listen to. Hereunder you have the links as well as some of their details.

<http://w4mq.com/>

1794 – 1890 Small Loop

7.117 – 7.309 Dipole

14.053 – 14.245 Dipole

<http://websdr.pa3weg.nl/>

Wouter Weggelaar PA3WEG pa3weg@amsat.org

0 – 20kHz

Kaiserlautern Germany

Gerolf Ziegenhain DG6FL, g.ziegenhain.com

<http://saturn.physik.uni-kl.de/>

Softrock 40 Antenna Dipole

7.008 – 7.104 MHz

<http://lindsey.esrac.ele.tue.nl/>

Eindhoven, the Netherlands

Harry en Martin, e-mail pa3dsc-at-veron.nl

7.0 - 7.096 MHz Vertical

3.476 – 3.524 MHz Vertical

<http://outside.wallawalla.edu:8901/>

K7UEB Walla Walla University, in College Place, Washington

14.102 – 14.198 MHz 20 meter Softrock

Antenna Mosley Classic 36 at 90 feet

HB9AZT 80M 2 x 17.5 M Dipole noisy environment

<http://77.56.153.126:8901/>

3.608 - 3.800 MHz

Web-SDR receiver (PMSDR), located in Tagelswangen/Switzerland,

HB9AZT, e-mail [hb9azt\(at\)bluewin.ch](mailto:hb9azt(at)bluewin.ch)

HB9FX 160M GP daqs normal (full size)

<http://HB9FX-WebSDR.dyndns.org/>

1.812 1.908 MHz

WebSDR receiver, located at the HB9FX Remote Site "Hochwacht" near Zofingen.

For more details go to <http://www.hb9fx.ch/hochwacht>. It is operated by HB9BHU, e-mail

hb9bhu@bluewin.ch.

Lawrence

9H1AV/9H9MHR

Low frequencies

I wrote many times about low frequencies and also gave you some frequencies where you can listen for stations that use these frequencies. Today you have more frequencies that may perhaps interest you.

I remind you that if one doesn't have a receiver on these frequencies one can search and find a number of circuits to make equipment to be able to listen on these frequencies on his radio or transceiver. Later on I will give some circuits on the magazine.

You can use antennas that you have or you can also make some loop and tune it on the frequency that you want or there are loops that can cover a spread of frequencies without the need to tune them. Later on I will give you some details about these loops.

These are some frequencies that one can try to listen on.

60 kHz, WWVB Fort Collins, Colorado, USA

25.2 kHz (does not have a callsign) La Mourie, North Dakota, USA

NAA 24 kHz Cutler, Maine, USA

37.5 kHz, NRK Grindavik Iceland

24.8 kHz, Tim Creek, WA, USA

21.4 kHz, NPM Hawaii, USA

Later on I will give you some other frequencies which are a lot lower.

Lawrence

9H1AV/9H9MHR

MARL Activities

Annual General Meeting

The Annual general Meeting is going to be held on Sunday 28 February at 10.00. If there is no quorum up to 10.30 the meeting will be held with the members present. This is the meeting agenda is this:

Reading and discussion of the Minutes
Reading and discussion of the Administrative Report
Reading and discussion of the Financial Report
Other matters

We wish to remind you that whoever has any suggestions, seconded motions and any points for discussion please send them to the Secretary at least 10 days before the Annual General Meeting.

Payment of Membership

We remind you that the time has come for one to pay his/her membership to remain a **MARL** member. The financial secretary is always ready to accept membership fees whenever the **MARL** Centre is open or if you cannot come you can pay by cheque payable to **MARL**. Membership is €23

We remind you that the **MARL** is open every Tuesday and Thursday between 6.00 p.m. and 8.00 p.m. and Sunday between 10.00 and Middyay.

Yahoo Group

Be attentive and become members in the yahoo group to be fully informed with the latest activities that we intend to hold.

Do not forget that we may have activities which may not be able to appear on this magazine because it may have already been issued and therefore the notice will be sent on the yahoo group.

Send an e-mail to Ivan, **9H1PI** ivan.privitera at gmail.com to become members in the group.

We remind you that whoever wants to can download the Magazine from www.9h1mrl.org/newsletter.htm

Lawrence
9H1AV/9H9MHR